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23 May 2006

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SEMI-ANNUAL MONITORING REPORT – SOUTHERN SAN JOAQUIN VALLEY WATER QUALITY COALITION- KAWEAH RIVER SUB-WATERSHED

On 28 February 2006, we received the Semi-Annual Monitoring Report (SAMR) for the Southern San Joaquin Valley Water Quality Coalition's (SSJWQC) Kaweah River Sub-watershed. Central Valley Water Board staff has reviewed the SAMR to evaluate if the document accurately reflects the required reporting conditions detailed in the Conditional Waiver, the conditions set forth in the Kaweah River Sub-watershed's Monitoring and Reporting Program Plan (MRPP) deemed complete 7 September 2004, the Quality Assurance Project Plan (QAPP), and to assess the quality of the data generated and the conclusions and recommendations presented. The attached memorandum contains a detailed summary of our review.

Central Valley Water Board staff finds that additional data/clarification is necessary to complete the SAMR review. Therefore, **by 30 June 2006**, the SSJWQC need to address the requested information listed in 1 – 10 below.

1. Provide Fruit Growers Laboratories field data sheets for all sampling events as required by the Waiver Program (Item 1).
2. To the extent possible, provide original laboratory data sheets for toxicity tests performed and request copies of future laboratory data sheets to be included in the next SAMR submittal (Item 3).
3. Provide clarification from Fruit Growers Laboratories regarding laboratory control samples acceptance criteria (Item 7).
4. Revise Tables 1-7, 6-6, 6-7, 6-8, and 6-9 to correctly reflect the 10 August 2005 sediment sampling results (Item 8).
5. Provide any additional data and a discussion of the 21 February 2005 storm-season sampling event, including details regarding follow-up issues (Item 9).
6. Provide additional pesticide use data and patterns, as specified in Item 10 and Item 13, statement 12.
7. Provide a schedule and sampling program for initiation of Phase II sampling (Item 13, statement 3 and Item 15).

8. Provide data to support the statement that *Septic tank systems provide the most likely source of this constituent, in lieu of agricultural runoff from irrigated crops* (Item 13, statement 7).
9. Provide information regarding the results of the Sub-watersheds meeting with the Board of Directors of the Stone Corral Irrigation District as discussed in the 17 May 2005 Communication Report (Item 13, statement 9).
10. Revise the proposed new sampling locations to include the areas of greatest agricultural density that occur west of Highway 99 (Item 14 B).

Items that need to be incorporated into the current monitoring program and/or generated for the next SAMR submittal include:

- A) Complete chain of custody documentation (Item 2 of attached staff review);
- B) Practical quantitation limits need to conform with levels shown on Table 1 of Order No. R5-2005-0833 (Item 4);
- C) Conform to all holding times including bacteria (Item 5);
- D) Quality control samples need to conform to Conditional Waiver requirements (Item 6);
- E) Complete the required re-sampling whenever water quality exceedances occur (Item 16);
- F) Prompt submittal of Communication Reports needs to be completed whenever water quality exceedances occur (Item 17);
- G) Provide clear lines of communication between the contract laboratories, the Sub-watershed, and the Central Valley Water Board (Item 18).

If you have any questions or comments regarding the review, or need any further information, please contact Alan Cregan at (559) 445-6185.

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ARC:arc

Attachment

cc: Mr. Bill Croyle, Regional Water Quality Control Board, Rancho Cordova
Mr. Ken Landau, Regional Water Quality Control Board, Rancho Cordova
Mr. Bill Thomas, 915 L Street, #C417, Sacramento, CA 95814